

**Specification no. PVVNL-MT/MM/83(s)/24-25**

**GUARANTEED TECHNICAL PARTICULARS OF 11 MTR. LONG PCC POLES**  
**(400 Kg. Working Load)**

<b>S. No.</b>	<b>PARTICULARS</b>		
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
<b>1.</b>	Name of the Manufacturer		
<b>2.</b>	Over all length of the Pole		
<b>3.</b>	Depth of plantation.		
<b>4.</b>	Minimum Ultimate transverse Load		
<b>5.</b>	Weight of the Pole in Kgs.		
<b>6.</b>	Factor of safety		
<b>7.</b>	Working load applied at 600 mm from top.		
<b>8.</b>	Volume of the pole in cubic meter.		
<b>9.</b>	Dimensions of pole:		
<b>a.)</b>	Top Dimension.		
<b>b.)</b>	Bottom Dimension.		
<b>10.</b>	Actual consumption/quantity of material Used in manufacture of each PCC Pole		
<b>i.)</b>	Cement		
<b>ii.)</b>	Aggregate		
<b>iii.)</b>	Sand.		
<b>iv.)</b>	Stone Chips.		
<b>v.)</b>	Steel (Tensioned/Un-tensioned HT Wire)		
<b>a)</b>	Dia of Wire.		
<b>b)</b>	No. Of Wire.		
<b>c)</b>	Weight of Wire.		
<b>vi.)</b>	Other M.S Reinforcement		
<b>a)</b>	H.T Wire Rings		
<b>b)</b>	H.T Wire Hooks		
<b>c)</b>	Weight of Steel.		
<b>11.</b>	Process adopted for compacting & curing.		
<b>12.</b>	Earthing arrangement in each PCC Pole.		
<b>a.)</b>	Length of G.I Wire & SWG		
<b>b.)</b>	Weight of G.I Wire.		
<b>13.</b>	Method of Prestressing.		
<b>14.</b>	Clear concrete cover		
<b>15.</b>	Concrete mix and cube strength after.		
<b>i)</b>	72 Hours.		
<b>ii)</b>	28 Days		
<b>16.</b>	<i>Are these supports suitable for use at angle points where stays are needed. (Yes/No).</i>		
<b>17.</b>	<i>Is the drawing of PCC Pole submitted (Yes/No).</i>		
<b>18.</b>	<i>Is the design calculation of PCC Pole submitted (Yes/No).</i>		